

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 7/25/99 are:

A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	18. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
Black ink: Color. _____	Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
Color drawings are not acceptable until petition is granted. Fig(s) _____	9. SCALE. 37 CFR 1.84(k)
Pencil and non black ink not permitted. Fig(s) _____	Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84 (b)	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(j)
1 full-tone set is required. Fig(s) _____	Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____
Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____	11. SHADING. 37 CFR 1.84(m)
Floor quality (half-tone). Fig(s) _____	Solid black areas pale. Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(e)	Solid black shading not permitted. Fig(s) _____
Paper not flexible, strong, white, and durable: Fig(s) _____	Shade lines, pale, rough and blurred. Fig(s) _____
Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
Mylar, velum paper is not acceptable (too thin). Fig(s) _____	Numbers and reference characters not plain and legible. Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	Figure legends are poor. Fig(s) _____
21.0 cm by 29.7 cm (DIN size A4)	Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
21.6 cm by 27.9 cm (8 1/2 x 11 inches)	English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
All drawing sheets not the same size: Sheet(s) _____	Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____
Drawings sheets not an acceptable size. Fig(s) _____	13. LEAD LINES. 37 CFR 1.84(q)
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Lead lines cross each other. Fig(s) _____
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	Lead lines missing. Fig(s) _____
SIZE: A4 Size	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
SIZE: 8 1/2 x 11	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Margins not acceptable. Fig(s) _____	Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
Top (T) Left (L) Right (R) Bottom (B)	16. CORRECTIONS. 37 CFR 1.84(w)
6. VIEWS. 37 CFR 1.84(h)	Corrections not made from prior PTO-948 dated _____
REMINDER: Specification may require revision to correspond to drawing changes.	17. DESIGN DRAWINGS. 37 CFR 1.152
Partial views. 37 CFR 1.84(h)(2)	Surface shading shown not appropriate. Fig(s) _____
Brackets needed to show figure as one entity. Fig(s) _____	Solid black shading not used for color contrast. Fig(s) _____
Views not labeled separately or properly. Fig(s) _____	
Enlarged view not labeled separately or properly. Fig(s) _____	
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	
Hatching not indicated for sectional portions of an object. Fig(s) _____	
Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	

## COMMENTS

REVIEWER JohnDATE 3/25/99 TELEPHONE NO. \_\_\_\_\_

ATTACHMENT TO PAPER NO. \_\_\_\_\_